



### PRODUCT OVERVIEW

The PF2100i is an Incinerator Management System designed for use in applications where assist gas is utilized prior to introduction of waste gas. Multiple thermocouple inputs monitor chamber temperature, while automated valve control maintains the necessary combustion temperature.

For use specifically in applications where waste gas is used, including:

- Combustors
- Enclosed Flares
- Incinerators

### SAFETY AND PROTECTION

- Designed to protect personnel and equipment
- Integrated critical safety shutdown inputs
- Risk management of workplace hazards

### KEY FEATURES

CONVENIENCE	FLEXIBILITY	RELIABILITY
<p>USER FRIENDLY DISPLAY AND INTERFACE</p>	Integrated setpoints <ul style="list-style-type: none"> <li>• Assist gas ON/OFF</li> <li>• Waste gas ON/OFF</li> </ul>	Auto ignition and re-light with proven spark ..... Advanced flame detection circuit .....
	Stackable expansion cards <ul style="list-style-type: none"> <li>• 4-20mA input</li> <li>• Modbus RS485</li> <li>• Datalogger &amp; Modbus RS485 combo</li> </ul>	Approved temperature range <ul style="list-style-type: none"> <li>• -40°C to 55°C</li> <li>• -40°F to 131°F</li> </ul>
	Low power requirement	History and event log
	Auxiliary Thermocouple input	High temperature shutdown
	4-20mA Output: Temperature & Valve Control	Dual processors for failsafe operation

### APPROVALS



Class 1, Division 2, Grp ABCD; T4A  
 CSA Type 4X

CSA C22.2 No. 0-M91  
 CSA C22.2 No. 0.4-04  
 CSA C22.2 No. 94-91  
 CSA C22.2 No. 142-M1987  
 CSA C22.2 No. 213-M1987  
 CSA E60730-1:02

CSA E60079-0:2007  
 CSA E60079-15:2005  
 UL 508, 17th Edition  
 ANSI-ISA-12.12.01-2007  
 UL 60079-0:2005  
 UL 60079-15:2002